

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/002483



## A. CLASSIFICATION OF SUBJECT MATTER

## IPC7 D03D 15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A47L, D03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : IPC as above

JP (utility models) : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 148937 Y1 (HONG, KYUNG JACK) 15 JUNE 1999 See the whole document	1-4
X	KR 282234 Y1 (HONG, KYUNG JACK) 19 JULY 2002 See the whole document	1-4
X	KR 2002-44112 A (SILVER CLEANER CO., LTD.) 14 JUNE 2002 See the whole document	1, 2
X	JP 10-60761 A (OJI PAPER CO., LTD.) 03 MARCH 1998 See the whole document	1, 2
A	GB 2004735 A1 (IBING GMBH CO.) 11 APRIL 1979 See the whole document	1
A	JP 5-80456 U (TORAY: KK) 02 NOVEMBER 1993 See the whole document	1

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  24 JANUARY 2005 (24.01.2005)	Date of mailing of the international search report  24 JANUARY 2005 (24.01.2005)
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/002483

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 148937 Y1	15-06-1999	NONE	
KR 282234 Y1	19-07-2002	NONE	
KR 2002-44112 A	14-06-2002	NONE	
JP 10-60761 A	03-03-1998	NONE	
GB 2004735 A1	11-04-1979	DE 7730097 U1 BE 870714 A2	09-02-1978 15-01-1979
JP 5-80456 U	02-11-1993	NONE	